

Docket No. 255529US6PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Felix BACHOFEN

SERIAL NO: 10/501,862

GAU: 2832

FILED: July 19, 2004

EXAMINER:

FOR: A SPRING-LOADED OPERATING MECHANISM FOR A RECTILINEAR MOTION CIRCUIT BREAKER

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. In accordance with discussions on August 4, 2004 with Mr. Nicholas P. Godici, Commissioner for Patents, it is no longer required to submit copies of cited pending applications. A modification of the Rules will be published soon in the Official Gazette. Cited issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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|  |    |  |          |  |                 |  |                               |
|--|----|--|----------|--|-----------------|--|-------------------------------|
| Form PTO 1449<br>(Modified)  |    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |          | ATTY DOCKET NO.<br><b>255529US6PCT</b> |                 | SERIAL NO.<br><b>10/501,862</b>                                  |                               |
| LIST OF REFERENCES CITED BY APPLICANT  |    |  |          | APPLICANT<br><b>Felix BACHOFEN</b>     |                 |  |                               |
|  |    |  |          | FILING DATE<br><b>July 19, 2004</b>    |                 | GROUP<br><b>2832</b>   |                               |
| <b>U.S. PATENT DOCUMENTS</b>   |    |  |          |  |                 |  |                               |
| EXAMINER<br>INITIAL  |    | DOCUMENT<br>NUMBER   | DATE     | NAME                                   | CLASS           | SUB<br>CLASS   | FILING DATE<br>IF APPROPRIATE |
|  | AA | 5 508 487  | 04/16/96 | SMITH, David W. et al.                 |                 |  |                               |
|  | AB | 5 512 869  | 04/30/96 | THURIES, Edmond                        |                 |  |                               |
|  | AC | 5 756 952  | 05/26/98 | THURIES, Edmond                        |                 |  |                               |
|  | AD |  |          |  |                 |  |                               |
|  | AE |  |          |  |                 |  |                               |
|  | AF |  |          |  |                 |  |                               |
|  | AG |  |          |  |                 |  |                               |
|  | AH |  |          |  |                 |  |                               |
|  | AI |  |          |  |                 |  |                               |
|  | AJ |  |          |  |                 |  |                               |
|  | AK |  |          |  |                 |  |                               |
|  | AL |  |          |  |                 |  |                               |
|  | AM |  |          |  |                 |  |                               |
|  | AN |  |          |  |                 |  |                               |
| <b>FOREIGN PATENT DOCUMENTS</b>  |    |  |          |  |                 |  |                               |
|  |    | DOCUMENT<br>NUMBER   | DATE     | COUNTRY                                | TRANSLATION     |  |                               |
|  |    |  |          |  | YES             | NO   |                               |
|  | AO | 537 180  | 06/12/41 | GB                                     |                 | NO   |                               |
|  | AP | 2747502  | 10/17/97 | FR                                     |                 | NO   |                               |
|  | AQ |  |          |  |                 |  |                               |
|  | AR |  |          |  |                 |  |                               |
|  | AS |  |          |  |                 |  |                               |
|  | AT |  |          |  |                 |  |                               |
|  | AU |  |          |  |                 |  |                               |
|  | AV |  |          |  |                 |  |                               |
| <b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>   |    |  |          |  |                 |  |                               |
|  | AW |  |          |  |                 |  |                               |
|  | AX |  |          |  |                 |  |                               |
|  | AY |  |          |  |                 |  |                               |
|  | AZ |  |          |  |                 | <input type="checkbox"/> Additional References sheet(s) attached |                               |
| Examiner   |    |  |          |  | Date Considered |  |                               |
| *Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |  |          |  |                 |  |                               |

U.S. PCT Application Serial No.: 10/501,862  
Docket No.: 255529US6PCT

#### STATEMENT OF RELEVANCY

1) References AA, AB, AO have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.

2) References \_\_\_\_\_ have been cited in the corresponding \_\_\_\_\_ Search Report. A copy of these references is being submitted herewith.

3) References AC, AP are discussed in the specification. A copy of these references is being submitted here with.

4) References \_\_\_\_\_ are additional prior art known to Applicant. A copy of these references is being submitted herewith.

FR 2747502

Rapid reopening controller for high voltage circuit-breaker with straight springs – allows cycle of opening, closure and reopening followed by cycle of closure and reopening aided by motorized compression of coaxial springs.

The controller incorporates an opening spring (25) and a coaxial closing spring (32) whose release causes compression of the opening spring. The latter drives a disc (24) fitted to the end of a rod (13) which is connected (12) to a piston carrying the moving contacts.

-The compression is performed after a trip by a reversible motor (44) aligned with the common axis (x-x) and driving a threaded shaft (43) integral with arms (40) bearing upon the ring (31) against which the closing spring abuts.

-ADVANTAGE – Very compact control allows use of a low-power motor (e.g. of 150 W) and avoids the difficulties encountered with rapidly worn ratchet wheels.